

#54  
Attorney Docket No. 70840/56727

1c835 U.S. PTO  
09/997079  
11/27/01

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: K. Taniguchi, et al.  
U.S.S.N.: Not yet assigned Examiner: Not yet assigned  
Filed: Herewith Group: Not yet assigned  
For: LIQUID CRYSTAL DISPLAY APPARATUS AND PRODUCTION METHOD  
OF SAME

.....  
**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 35 U.S.C. 21(a) and 37 CFR 1.6(e) (Express Mail Label No.: **EL 931635595 US**), and is addressed to the U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202 on November 27, 2001.

By Kathryn A. Grindrod  
Kathryn A. Grindrod

.....  
UNITED STATES PATENT AND TRADEMARK OFFICE  
P.O. BOX 2327  
ARLINGTON, VA 22202

Sir:

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. **LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION**

The patents, publications or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- a.   X   Submitted herewith is a legible copy of (i) each U.S and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- b.        This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No.        , filed on       . The following references were submitted to, and/or cited by, the Office in the prior application (s) and, therefore, are not required to be provided in this application.

III. CONCISE EXPLANATION OF THE RELEVANCE  
(check at least one box)

- a.        Except as may be indicated below in (b), all of the patents, publications or other information are in the English language or were cited in an English language Search Report, a copy of which is attached hereto (concise explanation not required).
- b.   X   A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:  
See English language Abstracts provided for all cited references.
- c.        The following additional information is provided for the Examiner's consideration:

**FEES**

IV. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b)  
(check one box)

- a.        within three months of the filing date of a national application (37 C.F.R. § 1.97(b) (1). No fee or certification is required.
- b.        within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b) (2). No fee or certification is required.

- c.   X   Before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b) (3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below, or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).

V. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):  
(check one box)

before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c) (1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c) (2)).

- a.        No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).

or

- b.        See the certification below. No fee is required.

VI. STATEMENT UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby states that

- a.        each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- b.        no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

c. \_\_\_\_\_ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned certifies that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

\_\_\_\_\_ Please charge Deposit Account No. 04-1105 in the amount of \$180.00 for the above-indicated fee. A triplicate copy of this paper is attached.

  X   No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule, with a petition if necessary, and charge the appropriate fee to Deposit Account No. **04-1105**.

Respectfully submitted,

Date: November 27, 2001

By: David A. Tucker  
David A. Tucker  
Reg. No. 27,840  
Attorney for Applicant(s)

Dike, Bronstein, Roberts & Cushman  
Intellectual Property Practice Group of  
EDWARDS & ANGELL, LLP  
P. O. Box 9169  
Boston, MA 02209  
Tel: (617) 517-5508  
Customer No. 21,874  
183686

FORM PTO-1449

DOCKET NO:

70840/56727

SERIAL NO.:

Not Yet Assigned

JCS35 U.S. PTO  
09/997079
**INFORMATION DISCLOSURE  
STATEMENT**

APPLICANT(S): K. Taniguchi, et al.

FILING DATE:

Herewith

GROUP NO.:

Not Yet Assigned

**UNITED STATES PATENT DOCUMENTS**

| EXAM.<br>INITIALS |    | DOCUMENT<br>NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|-------------------|----|--------------------|------|------|-------|----------|-------------------------------|
|                   | AA |                    |      |      |       |          |                               |
|                   | AB |                    |      |      |       |          |                               |
|                   | AC |                    |      |      |       |          |                               |
|                   | AD |                    |      |      |       |          |                               |
|                   | AE |                    |      |      |       |          |                               |
|                   | AF |                    |      |      |       |          |                               |
|                   | AG |                    |      |      |       |          |                               |
|                   | AH |                    |      |      |       |          |                               |
|                   | AI |                    |      |      |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

|  |    | DOCUMENT<br>NUMBER | DATE       | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>YES/NO |
|--|----|--------------------|------------|---------|-------|----------|-----------------------|
|  | BA | 0884626 A2         | 12/16/1998 | EPO     |       |          | Abstract only         |
|  | BB | 11-242225          | 09/07/1999 | Japan   |       |          | Abstract              |
|  | BC | 02-191914          | 07/27/1990 | Japan   |       |          | Abstract              |
|  | BD | 07-199193          | 08/04/1995 | Japan   |       |          | Abstract              |
|  | BE | 06-194656          | 07/15/1994 | Japan   |       |          | Abstract              |
|  | BF |                    |            |         |       |          |                       |

**OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

|           |    |       |
|-----------|----|-------|
|           | CA |       |
| EXAMINER: |    | DATE: |